

INDEX

- Abrahamsen, David, *Crime and the Human Mind*, 410
- Acarina, male haploidy in, 252
- Aitken, Thomas H. G., *Studies on the Anopheline Complex of Western America*, 389
- Alcohol Hygiene, 407
- Aleurodidae, male haploidy in, 250
- Alexander, Jerome, *Colloid Chemistry*, Vol. V, 398
- Allopolyploidy, 43, 68
- Allport, Noel L., *The Chemistry and Pharmacy of Vegetable Drugs*, 189
- Ambersen, Wm. R., *et al.*, *Laboratory Notes in Physiology*, 285
- American Bird Songs, 279
- American Medical Association, *Handbook of Nutrition*, 187
- American Philosophical Society, *Papers on Archaeology, Ecology, Ethnology, History, Paleontology, Physics, and Physiology*, 82
- Amphibian development, 20-78
- Andress, J. Mace, *et al.*, *Safe and Healthy Living*, 401
- Andrews, Edmund and Irene D., *A Comparative Dictionary of the Tahitian Language*, 414
- Androgenesis, 68
- Aneuploidy, 22, 60, 71
- ANIMAL EMBRYOLOGY (book reviews), 93, 176, 280, 392
- ANIMAL MORPHOLOGY (book reviews), 94, 178, 282, 393
- ANIMAL NUTRITION (book reviews), 99, 186, 295, 395
- ANIMAL PHYSIOLOGY (book reviews), 95, 178, 284, 394
- Annals of the Missouri Botanical Garden, 399
- Anson, M. L., and Edsall, John T. (Eds.), *Advances in Protein Chemistry*, Vol. I, 188
- Aristotle, *Generation of Animals*, 79
- Armstrong, Edward A., *The Way Birds Live*, 174
- Arnold, Harry L., *Poisonous Plants of Hawaii*, 387
- Aschner, Bernard, *The Art of the Healer*, 181
- Babkin, B. P., *Secretory Mechanism of the Digestive Glands*, 95
- Bachmeyer, Arthur C., and Hartman, Gerhard (Eds.), *The Hospital in Modern Society*, 186
- Bailey's Text-book of Histology, 94
- Bailey, C. H., *The Constituents of Wheat and Wheat Products*, 102
- Baker, A. C., *et al.*, *A Review of Studies on the Mexican Fruitfly and Related Mexican Species*, 276
- Baker, Frank Collins, *The Molluscan Family Planorbidae*, 276
- Bauer, Julius, *Constitution and Disease*, 381
- Bauer, W. W., *Contagious Diseases*, 289
- Bayne, J. Breckinridge, *Bugs and Bullets*, 184
- Beals, Ralph L., *The Aboriginal Culture of the Cáhita Indians*, 112
- Beck, Bodog F., and Smedley, Dorée, *Honey and Your Health*, 295
- Beck, Samuel J., *Rorschach's Test: I, Basic Processes*, 191
- Beebe, William (Ed.), *The Book of Naturalists*, 167
- Bell, Marjorie (Ed.), *Cooperation in Crime Control*, 414
- Delinquency and the Community in Wartime, 413
- Beltran, Enrique, *Lamarck*, 374
- Bennett, H. (Ed.), *Emulsion Technology*, 118
- Bennett, Wendell C., *Archeological Regions of Colombia*, 113
- Berrien, F. K., *Practical Psychology*, 104
- Best, Charles Herbert, and Taylor, Norman Burke, *The Living Body*, 95
- Best, Harry, *Deafness and the Deaf in the United States*, 182
- Biochemical Research Foundation of the Franklin Institute, *Reports*, Vol. VII, 399
- BIOCHEMISTRY (book reviews), 100, 188, 296, 397
- BIOMETRY (book reviews), 200, 308
- Black, John D., *Food Enough*, 114
- Blackfan, Kenneth D., *et al.*, *Atlas of the Blood in Children*, 283
- Blackwelder, Richard E., *Checklist of the Coleopterous Insects of Mexico, Central America, the West Indies, and South America, Part Two*, 92
- Blair, G. W. Scott, *A Survey of General and Applied Rheology*, 202
- Boardman, Edward T., *Guide to Higher Aquarium Animals*, 92
- Bossard, James H. S., and Boll, Eleanor S. (Eds.), *Adolescents in Wartime*, 413
- Bowerman, Mary L., *The Flowering Plants and Ferns of Mount Diablo, California*, 87
- Bradley, O. Charnock, *Topographical Anatomy of the Dog*, 94
- Brand, Albert R., *Bird Song Foundation, American Bird Songs*, 279
- Bratton, Jimmie K., *et al.* (Eds.), *Foot's State Board Questions and Answers for Nurses*, 290
- Breckenridge, W. J., *Reptiles and Amphibians of Minnesota*, 277
- Brennan, Robert Edward, *History of Psychology*, 298
- Brill, A. A., *Freud's Contribution to Psychiatry*, 194
- Brimble, L. J. F., *Flowers in Britain*, 386
- Brooks, S. C. and Matilda M., *The Permeability of Living Cells*, 395
- Brown, Carlton, *Brainstorm*, 303
- Brown, Francis J., and Roucek, Joseph Slabey (Eds.), *One America*, 411
- Browne, Charles A., *Thomas Jefferson and the Scientific Trends of His Time*, 201
- Bucy, Paul C. (Ed.), *The Precentral Motor Cortex*, 283
- Bundesen, Herman N., *The Baby Manual*, 185

- Bundy, Ross, The Romance of Existence, 265
 Bureau of the Census, Vital Statistics of the United States 1942: Part II, 200
 Burnett, R. Will, To Live in Health, 180
- Cameron, A. T., Recent Advances in Endocrinology, 395
 Cameron, Thomas W. M., The Parasites of Man in Temperate Climates, 89
 Camp, C. L., *et al.*, Bibliography of Fossil Vertebrates, 1934-1938, 268
 Carnegie Institution of Washington Year Book No. 43, 416
 Carpenter, Mathilde M., Bibliography of Biographies of Entomologists, 388
 Carrighar, Sally, One Day on Beetle Rock, 172
 Carriker, M. A., Jr., Studies in Neotropical Mallophaga (III), 173
 Carter, T. D., *et al.*, Mammals of the Pacific World, 392
 Castallo, Mario A., and Walz, Audrey, Expectantly Yours, 281
- CELL (GENERAL) PHYSIOLOGY (book reviews), 100, 395
 Cell number, regulation of, 65
 Central nervous reorganization after nerve regeneration and muscle transportation, 311-369
 Chandler, Asa C., Introduction to Parasitology, 292
 Child, Irvin L., and Van De Water, Marjorie (Eds.), Psychology for the Returning Serviceman, 409
 Chimeras, 61
 Chittenden, Gertrude E., Living with Children, 104
 Chromosome degeneration hypothesis, 248
 Chromosome number and amphibian development, 20-78
 Clausen, Jens, *et al.*, Experimental Studies on the Nature of Species: II, Plant Evolution through Amphiploidy and Autoploidy, 375
 Clendening, Logan, The Human Body, 394
 Clowes, Wm., Profitable and Necessary Booke of Observations, 402
 Coelenterates, hydranth reconstitution, 135
 Cole, F. J., A History of Comparative Anatomy, 393
 Collins, Henry B., Jr., *et al.*, The Aleutian Islands, 307
 Comstock, Wm. Phillips, Insects of Porto Rico and the Virgin Islands, 174
 Cook, S. F., The Conflict between the California Indian and White Civilization, 197
 Cooley, R. A., and Kohls, Glen M., The Argasidae of North America, Central America and Cuba, 90
 Coon, Carleton S., and Andrews, James M., IV (Eds.), Studies in the Anthropology of Oceania and Asia, 109
 Copley, G. H., Wild Flowers and Weeds, 172
 Corner, George W., Ourselves Unborn, 176
 Cowdry, E. V., A Textbook of Histology, 178
 Cowles, Raymond Bridgman, and Bogert, Charles Mitchell, A Preliminary Study of the Thermal Requirements of Desert Reptiles, 170
- Craig, Charles Franklin, The Etiology, Diagnosis, and Treatment of Amebiasis, 402
 Craig, Gerald S., Science in Childhood Education, 265
- Dampier, Sir Wm. Cecil, A Shorter History of Science, 115
 Darwinism, 147-164; 205-230
 Davenport, Charles B., *et al.*, Medical Genetics and Eugenics, Vol. I, 84
 David, Lore Rose, Miocene Fishes of Southern California, 269
 Davis, John Eisele, Principles and Practice of Rehabilitation, 302
 Davis, Kingsley (Ed.), World Population in Transition, 308
 Davis, Maxine, Woman's Medical Problems, 404
 DE OMNIBUS REBUS ET QUIBUSDEM ALIIS (book reviews), 115, 201, 309, 414
 De Kruif, Paul, The Male Hormone, 287
 DELBRÜCK, MAX, What Is Life? and What is Truth? 370-372
- Deuterotoky, 242
 Deutsch, Helene, The Psychology of Women, Vol. 1, 190; Vol. 2, 407
 Dockeray, Floyd C., Psychology, 299
 Dollard, John, Fear in Battle, 107
 Dominance, physiological, 131, 133, 135, 138
 Doorly, Eleanor, The Microbe Man, 185
 Dorcus, Roy M., and Shaffer, G. Wilson, Textbook of Abnormal Psychology, 410
 Dorland, W. A. Newman (Ed.), The American Illustrated Medical Dictionary, 98
 Dorrance, Anne, Green Cargoes, 388
 Du Bois, Cora, The People of Alor, 199
 Dubos, René J., The Bacterial Cell in Its Relation to Problems of Virulence, Immunity and Chemotherapy, 400
 Dunn, Halbert L., Vital Statistics of the United States 1942: Part II, Natality and Mortality Data for the United States Tabulated by Place of Residence, 200
 Dvorine, Israel, Dvorine Color Perception Testing Charts, Vol. I, 300
 Dvorine Color Perception Training Charts, Vol. II, 300
- Ebert, Elizabeth, and Simmons, Katherine, The Brush Foundation Study of Child Growth and Development: I, Psychometric Tests, 105
 ECOLOGY (book reviews), 82, 170, 266, 374
 ECONOMIC BOTANY (book reviews), 273, 387
 Eddy, Walter H., and Dalldorf, Gilbert, The Avitaminoses, 295
 Elliott, Alfred M., Atlas in General Zoology, 274
 Elsberg, Charles A., The Story of a Hospital, 291
 Emig, W. H., Stain Technique, 82
 Engard, Charles J., Organogenesis in Rubus, 272
 Evans, H. Muir, Stingfish and Seafarer, 92

EVOLUT
 Evolut
 Exell,
 Pl

Fabric
 Facult
 tic
 Trav
 cio

FANKH
 son
 20

Fields,
 14

Fischer
 Po

Fishbe
 Fi

Fisher,
 ers

Flouren
 Ford, J

Col
 Fordha

Foster,
 Fox, Si

Fritsch,
 Alg

Frobish
 Fruton,

En
 Fullawa

Ins

Gable,
 Fro

Gable, C
 Que

Gamble
 Pat

Garrett,
 Gates, I

gen
 Gemmill

GENERA
 (bo

GENERA
 85,

GENERA
 91,

GENETIC
 Gershen

400
 Gesell, A

Gilman,

- EVOLUTION (book reviews), 170, 267, 374
 Evolution of male haploidy, 231-260
 Exell, Arthur Wallis, *et al.*, Catalogue of the Vascular Plants of S. Tomé, 385
- Fabricant, Noah D., The Common Cold, 289
 Faculté de Pharmacie de Nancy, Bulletin de l'Association des Diplômés de Microbiologie, 294
 Travaux du Laboratoire de Microbiologie: Fascicules XII and XIII, 294
- FANKHOUSER, G., The Effects of Changes in Chromosome Number on Amphibian Development, 20-78
 Fields, biological, 140; of physiological competition, 141
 Fischer, Emil, Untersuchungen über Aminosäuren, Polypeptide und Proteine, Vols. I and II, 296
 Fishbein, Morris, and Irwin, Leslie W., Health and First Aid, 289
 Fisher, R. A., Statistical Methods for Research Workers, 309
 Flourens' experiment, 316
 Ford, James A., Excavations in the Vicinity of Cali, Colombia, 113
 Fordham, Michael, The Life of Childhood, 409
 Foster, George M., A Summary of Yuki Culture, 411
 Fox, Sidney A., Your Eyes, 97
 Fritsch, F. E., The Structure and Reproduction of the Algae, Vol. II, 384
 Frobisher, Martin, Fundamentals of Bacteriology, 184
 Fruton, Joseph S., *et al.*, Energy Relationships in Enzyme Reactions, 297
 Fullaway, David T., and Krauss, Noel L. H., Common Insects of Hawaii, 388
- Gable, Charles, and Quillin, Ellen S., The Book of From Seed to Tree, 373
 Gable, Charles H., and Quillin, Ellen S., The Book of Queer Animals, 373
 Gamble, James L., Chemical Anatomy, Physiology and Pathology of Extracellular Fluid, 178
 Garrett, S. D., Root Disease Fungi, 271
 Gates, R. Ruggles, *et al.*, Medical Genetics and Eugenics, Vol. 2, 85
 Gemmill, Chalmers L., Physiology in Aviation, 95
 GENERAL BIOLOGY: PHILOSOPHY AND EDUCATION (book reviews), 79, 167, 263, 372
 GENERAL AND SYSTEMATIC BOTANY (book reviews), 85, 172, 270, 383
 GENERAL AND SYSTEMATIC ZOOLOGY (book reviews), 91, 172, 274, 388
 GENETICS AND CYTOLOGY (book reviews), 83, 171, 379
 Gershenfeld, Louis, Bacteriology and Allied Subjects, 400
 Gesell, Arnold, The Embryology of Behavior, 280
 Gilman, Joseph C., A Manual of Soil Fungi, 384
- GLASS, BENTLEY, Evolution: a Synthesis of Genetics and Paleontology, 261-263
 Glasser, Otto (Ed.), Medical Physics, 100
 Godsail, H. C., and Byers, Robert D., A Systematic Study of the Pacific Tunas, 390
 Goethe, C. M., Sierran Cabin ... from Skyscraper, 168
 Goldring, William, and Chasis, Herbert, Hypertension and Hypertensive Disease, 96
 GOLDSCHMIDT, RICHARD B., Mimetic Polymorphism, a Controversial Chapter of Darwinism, 147-164; 205-230
 Goldschmidt, Richard B., A Study of Spontaneous Mutation, 380
 Golgi apparatus, 1-19
 artefact, 2
 chemical composition, 10
 form, 6
 function, 11
 permanence, 5
 physical character, 9
 techniques of investigating, 14
 Gordon, Kenneth, The Natural History and Behavior of the Western Chipmunk and the Mantled Ground Squirrel, 176
 Gradients, 131
 Graham, Herbert W., and Bronikovsky, Natalia, The Genus Ceratium in the Pacific and North Atlantic Oceans, 374
 Graham, Herbert W., and Moberg, Erik G., Chemical Results of the Last Cruise of the Carnegie, 374
 Graham, Verne Ovid, Mushrooms of the Great Lakes Region, 86
 Grant, Julius (Ed.), Hackh's Chemical Dictionary, 205
 Greene, Earle R., *et al.*, Birds of Georgia, 391
 Grigson, Geoffrey, Wild Flowers in Britain, 172
 Grimes, Charles W., A Story Outline of Evolution, 268
 Grimes, David, Meet the Electron, 202
 Grinker, Roy R., and Spiegel, John P., War Neuroses in North Africa, 191
 Grinnell, Joseph, and Miller, Alden H., The Distribution of the Birds of California, 390
 Griscom, Ludlow, Modern Bird Study, 390
 Group interaction, 128
 coefficient of, 133
 Gumpert, Martin, You Are Younger Than You Think, 185
- Hackh's Chemical Dictionary, 203
 Hagelstein, Robert, The Mycetozoa of North America, 85
 Haploidy, 29, 36, 37, 47, 50, 69
 male, 231-260
 Hartmann, Olga, The Marine Annelids of North Carolina, 388
 Hartnack, Hugo, Unbidden House Guests, 82
 Haurwitz, Bernhard, and Austin, James M., Climatology, 267

- HAWES, RAYMOND P., Darwin and Social Theory in America, 165-167
- Hawley, Gessner G., Seeing the Invisible, 310
- Headlee, Thomas J., The Mosquitoes of New Jersey and their Control, 389
- HEALTH AND DISEASE (book reviews), 96, 179, 288, 401
- Hendy, E. W., Somerset Birds and Some Other Folk, 174
- Henry, Charles E., Electroencephalograms of Normal Children, 287
- Herms, Wm. Broadbeck, and Gray, H. F., Mosquito Control, 91
- Herre, Albert W. C. T., A Review of the Halibuts or Hemiramphidae of the Philippines and Adjacent Waters, 92
- Hertlein, Leo G., and Grant, U. S., IV, The Geology and Paleontology of the Marine Pliocene of San Diego, California: Part 1, Geology, 270
- Hertzler, Arthur E., Ventures in Science of a Country Surgeon, 292
- Heteroploidy, 20-78
 effects on body size, 47, 65, 70; on cell shape, 47, 66; on cell size, 24, 45, 64; nuclear size, 23, 45; rate of development, 50, 70; sex differentiation, 57, 71
 experimental induction of, 37, 70
 frequency of spontaneous het., 29, 69
 methods of identification of, 22, 69
 origin of, 34, 69
 partial or mixed, 61, 71
 physiological effects of, 53, 67, 70
 primary effects of, 45, 70
 qualitative effects of, 66, 70
 relation to cancer of, 68
 secondary effects of, 47, 70
- HIBBARD, HOPE, Current Status of Our Knowledge of the Golgi Apparatus in the Animal Cell, 1-19
- Hitchcock, David Ingersoll, Physical Chemistry for Students of Biology and Medicine, 296
- Hocking, William Ernest, Science and the Idea of God, 264
- Hoffman, Jacob, Female Endocrinology, 179
- Hofstadter, Richard, Social Darwinism in American Thought, 1860-1915, 165
- Hotchkiss, Robert Sherman, Fertility in Men, 98
- Howe, E. Graham, Invisible Anatomy, 409
- Howell, A. Brazier, Speed in Animals, 94
- Hrdlicka, Ales, Alaska Diary, 1926-1941, 117
 The Aleutian and Commander Islands and Their Inhabitants, 410
 The Anthropology of Kodiak Island, 196
- HUMAN BIOLOGY (book reviews), 109, 194, 304, 410
- Huxley, Julian S., Evolutionary Ethics, 170
- Huxley, Julian, On Living in a Revolution, 114
- Hymenoptera, male haploidy in, 230-260
- Iceryini, male haploidy in, 250
- Jacobs, Morris B. (Ed.), The Chemistry and Technology of Food and Food Products, Vol. I, 101; Vol. II, 298
- Jaeger, Edmund C., A Source of Biological Names and Terms, 81
- Jaffe, Bernard, Men of Science in America, 116
- Janse, Olov R. T., The Peoples of French Indochina, 199
- Jean, Frank Covert, *et al.*, Man and His Biological World, 81
- Joki, Ernst, Medical Aspects of Aviation (Speed and Acceleration), 95
- Jones, Frederic Wood, Structure and Function as Seen in the Foot, 282
- Kamke, Erich, Einführung in die Wahrscheinlichkeitstheorie, 308
- Karpman, Ben, Case Studies in the Psychopathology of Crime, Vol. II, 108
- Keene, E. A., and Light, S. F., Results of Feeding Ether Extracts of Male Supplementary Reproductives to Groups of Nymphal Termites, 280
- Keller, Rudolph, New Aspects of Cheap Food, 99
- Kelley, R. B., Zebu-cross Cattle in Northern Australia, 266
- Kelway, Phyllis, The Otter Book, 392
 The Squirrel Book, 392
- Kidder, Alfred, II, Archaeology of Northwestern Venezuela, 198
 Some Early Sites in the Northern Lake Titicaca Basin, 113
- Kirby, Harold, Devescovichinid Flagellates of Termites: IV, 275
- Kluckhohn, Clyde, Navaho Witchcraft, 111
- Knaysi, Georges, Elements of Bacterial Cytology, 171
- Knight, John Alden, Woodcock, 279
- Kohn, Louis Winfield, Your Digestive System, 285
- Kolmer, John A., and Boerner, Fred, Approved Laboratory Technic, 416
- Kolmer, John A., Penicillin Therapy, 406
- Korstian, Clarence F., Forestry on Private Lands in the United States, 274
- Kroeber, A. L., Peruvian Archeology in 1942, 113
- Lam, H. J., Sargentia: V, Fragmenta Papuana (Observations of a Naturalist in Netherlands New Guinea), 383
- Landsteiner, Karl, The Specificity of Serological Reactions, 397
- Lasker, Bruno, Peoples of Southeast Asia, 110
- Laurie, Alex, and Kiplinger, D. C., Commercial Flower Forcing, 274
- Leighton, Alexander H. and Dorothea C., The Navaho Door, 197
- Levin, Oscar L., and Behrman, Howard T., Your Hair and Its Care, 402

- Light, S. F., Experimental Studies on Ectohormonal Control of the Development of Supplementary Reproductives in the Termite Genus *Zootermopsis* (Formerly *Termopsis*), 93
- Lillie, Frank R., The Woods Hole Marine Biological Laboratory, 80
- Linton, Ralph, The Cultural Background of Personality, 306
- Linton, Ralph (Ed.), The Science of Man in the World Crisis, 304
- Little, Clarence C. (Ed.), Cancer, 183
- Local readjustment phenomena, 356
- López, Arturo León, La Novela de Las Vitaminas, 186
- Lorand, Sandor (Ed.), Psychoanalysis Today, 193
- Luck, James Murray, and Smith, James H. C. (Eds.), Annual Review of Biochemistry, Vol. XIII, 100
- Luck, James Murray, and Hall, Victor E. (Eds.), Annual Review of Physiology, Vol. VII, 284
- Lull, Richard S., and Wright, Nelda E., Hadrosaurian Dinosaurs of North America, 269
- Lundell, Cyrus Longworth, *et al.*, Flora of Texas, Vol. 3: Parts II, III, 88
- Macintosh, James M., The War and Mental Health in England, 192
- Mainland, Donald, Anatomy, 282
- Male haploidy, 231-260
 extent of occurrence of, 234
 in Acarina, 252
 in Aleurodidae, 250
 in Iceryini, 250
 in Micromalthus, 251
 in Thysanoptera, 251
 in Trochelminthes, 251
 origin and distribution of, 248
- Malinowski, Bronislaw, The Dynamics of Culture Change, 414
 A Scientific Theory of Culture, 306
- Markley, Klare S., and Goss, Warren H., Soybean Chemistry and Technology, 102
- Marsh, Frank Lewis, Evolution, Creation and Science, 267
- Marsland, Douglas, and Plunkett, C. R., Principles of Modern Biology, 373
- Mass movements, after nerve crossing, 332; after straight nerve reunion, 333
- Mather, Kirtley F., Enough and to Spare, 194
- Matheson, Robert, Entomology for Introductory Courses, 91
 Handbook of the Mosquitoes of North America, 275
- Mayor's Committee on Marihuana, The Marihuana Problem in the City of New York, 183
- Mayr, Ernst, Birds of the Southwest Pacific, 279
 The Birds of Timor and Sumba, 175
- McCarrison, Sir Robert, Nutrition and National Health, 188
- McKenny, Margaret, and Johnston, Edith F., A Book of Wayside Fruits, 387
- Mead, Margaret, The American Character, 114
- Mears, Eliot G., Pacific Ocean Handbook, 203
- Meier, Norman C., Military Psychology, 192
- Meiosis in haploid males, 238
- Menninger, Karl A., The Human Mind, 408
- MICROBIOLOGY (book reviews), 399
- Micromalthus, male haploidy in, 251
- Mimetic polymorphism, 147-164; 205-230
- Mimicry, 147-164; 205-230
 genetics of, 153
 multiple effects in, 210
 origin of, 154
 pattern determination and, 226
 rings, 152
 variability of, 152
- Ministry of Health for Scotland, A National Health Service, 290
- Modifiers (genes), 205
- Moore, Arthur Russell, The Individual in Simpler Forms, 392
- Moore, Dom Thomas Verner, Personal Mental Hygiene, 302
- Moore, Robert Allan, A Textbook of Pathology, 288
- Morphogenesis, 121
 energy of, 144
 plasticity in, 144
- Morris, Percy A., They Hop and Crawl, 174
- Morrison, A. Cressy, Man Does Not Stand Alone, 168
- Mosaics, chromosome, 61, 63, 71
- Motor nerves, interchange of, 316
 of autonomic nerves, 339
 of forelimb, 326
 of hind limb, 317
 of miscellaneous somatic nerves, 337
 in region of facial nerve, 330
- Mottram, V. H., The Physical Basis of Personality, 189
- Moulton, Forest Ray, and Schifferes, Justus J. (Eds.), The Autobiography of Science, 414
- Movius, Hallam L., Jr., Early Man and Pleistocene Stratigraphy in Southern and Eastern Asia, 200
- Moxley, Alan, The Control of Bilharzia in Southern Rhodesia, 90
- Muensch, Walter Conrad, Aquatic Plants of the United States, 271
- Muller, Herbert J., Science and Criticism, 115
- Murie, Adolph, The Wolves of Mount McKinley, 175
- Muscle transposition, 311-369
 functional results of, 341
 of limb muscles, 341
 of ocular muscles, 345
- Mustard, Harry S., An Introduction to Public Health, 180
- National Research Council, Inadequate Diets and Nutritional Deficiencies in the United States, 186

- Neisser, Albert, On Modern Syphilotherapy, 404
Nerve regeneration, 311-369
Newman, Barclay Moon, Japan's Secret Weapon, 184
Nord, F. F., and Werkman, C. H. (Eds.), *Advances in Enzymology*, Vol. IV, 101
Norlin, George, The Quest of American Life, 415
Norwood, Wm. F., Medical Education in the United States Before the Civil War, 96
Novak, Emil, The Woman Asks the Doctor, 290
- Okulitch, Vladimir, North American Pleospongia, 376
Olmsted, J. M. D., Francois Magendie, 394
Olson, Everett C., Origin of Mammals Based upon Cranial Morphology of the Therapsid Suborders, 269
Orr, Sir John Boyd, and Wells, Frank, Housing and Health, 185
- Page, Melvin E., Young Minds with Old Bodies, 401
Pagel, Walter, The Religious and Philosophical Aspects of van Helmont's Science and Medicine, 80
Parallel behavior of sexual dimorphism, 152
Parallel geographic variation, 151, 212
Parallel mutation, 215
PARASITOLOGY (book reviews), 89
Park, Orlando, New and Little Known Pselaphidae (Coleoptera) from Brazil, Colombia and Mexico, with Keys to Mexican Genera and Species, 92
Parker, Bertha Morris, Dependent Plants, 172
Parker, John B., and Clarke, John J., An Introduction to Animal Biology, 274
Parthenogenetic development
induction in eggs, 235
origin of p. races and species, 241
Pattern determination (Lepidoptera), 220-228
Pearse, A. S., Introduction to Parasitology, 275
Peck, A. L., Aristotle, Generation of Animals, 79
Pentaploidy, 36, 49
Perry, Enos J. (Ed.), The Artificial Insemination of Farm Animals, 383
Physiological competition as a regulatory mechanism in morphogenesis, 121-146
Pike, Oliver G., Nature and Camera, 203
Piper, C. S., Soil and Plant Analysis, 272
Pituitary, effect on ovulation, 34
PLANT MORPHOGENESIS (book reviews), 272
PLANT NUTRITION (book reviews), 272
Plasticity, morphogenetic, 144
Polymer Bulletin, 399
Polymorphism, 147-164; 205-230
simple and sex-controlled, 148
non-mimetic, 207
Polyploidy, 20-78
Polyspermy, 37
Pomeranz, Herman, Your Respiratory System, 285
Pope, C. H., Amphibians and Reptiles of the Chicago Area, 278
Pratt, George K., Soldier to Civilian, 302
Prentice, E. Parmalee, Food, War and the Future, 307
Proceedings of the Second Brief Psychotherapy Council, 107
PSYCHOLOGY AND ANIMAL BEHAVIOR (book reviews), 103, 189, 298, 407
Puffer, Ruth Rice, Familial Susceptibility to Tuberculosis, 288
- Quee, Ethel M. (Ed.), Transactions of the Ninth North American Wildlife Conference, 170
Quillian, William S., Jr., The Moral Theory of Evolutionary Naturalism, 375
- Race-hybrid hypothesis, 254
Radzinowicz, L., and Turner, J. W. C. (Eds.), Mental Abnormality and Crime, 303
Rajchman, Marthe, Europe, 307
Ratcliff, J. D., Yellow Magic, 406
Ratcliff, John D. (Ed.), Science Year Book of 1945, 415
Reeducation, recovery by, 358
Reintegration, central nervous, 311-369
immediate spontaneous, 356
Renner, H. D., The Origin of Food Habits, 187
Revelle, Roger R., and Piggot, Charles S., I, Marine Bottom Samples Collected in the Pacific Ocean by the Carnegie on Its Seventh Cruise, and II, Radium Content of Ocean-Bottom Sediments, 374
Rich, Arnold R., The Pathogenesis of Tuberculosis, 405
Richardson, Henry B., Patients Have Families, 291
Rife, David C., The Dice of Destiny, 379
Roberts, Katherine Elliott, and Fleming, Virginia Van Dyne, Persistence and Change in Personality Patterns, 105
Robson, R. W., The Pacific Islands Handbook 1944, 416
Rodgers, Andrew Denny, III, American Botany 1873-1892, 270
John Merle Coulter, 89
Ross, Herbert H., The Caddis Flies, or Trichoptera, of Illinois, 173
Routh, Joseph I., Fundamentals of Inorganic, Organic and Biological Chemistry, 297
Rowe, Albert H., Elimination Diets and the Patient's Allergies, 183
Roys, Ralph L., The Indian Background of Colonial Yucatan, 198
Rugh, Roberts, A Laboratory Manual of Vertebrate Embryology, 177
Rupp, H. M. R., The Orchids of New South Wales, 386
Russell, James E., Heredity in Dairy Cattle, 382
- Sachs, Hanns, Freud, 303
Sahyun, Melville, Outline of the Amino Acids and Proteins, 297
Sargent, S. Stansfeld, The Basic Teachings of the Great Psychologists, 300
Scheinfeld, Amram, Women and Men, 195
Schlipp, Paul Arthur (Ed.), The Philosophy of Bertrand Russell, 372
Schmidt, Karl, From Science to God, 264

- Schrader, Franz, Mitosis, 83
 Schrödinger, Erwin, What Is Life? 370
 Schultz, Leonard P., The Fishes of the Family Characidae from Venezuela, with Descriptions of Seventeen New Forms, 174
 Schwartz, Charles W., The Prairie Chicken in Missouri, 92
 Selling, Lowell S., and Ferraro, Mary Anna S., The Psychology of Diet and Nutrition, 301
 Seltzer, Carl C., Racial Prehistory in the Southwest and the Hawikuh Zunis, 198
 Senn, Milton J. E., and Newill, Phyllis Kraft, All About Feeding Children, 188
 Sense, Eleanora, Nutrition with Sense, 395
 Sense organs, transposition of, 353
 Sensory nerves, interchange of, 348
 Sex determination, 163, 239
 in male haploidy, 243
 in vertebrates, 67
 Sheldon, Wilmon Henry, Process and Polarity, 263
 Sherman, Henry C., and Lanford, Caroline Sherman, An Introduction to Foods and Nutrition, 99
 Shillaber, Charles Patten, Photomicrography in Theory and Practice, 202
 Siegler, Samuel L., Fertility in Women, 98
 Sigerist, Henry E., and Miller, Genevieve (Eds.), Essays in the History of Medicine, 180
 Silver, Fern, and Ryan, Mildred Graves, Foundations for Living, 179
 Simmons, James Stevens, and Gentzkow, Cleon J. (Eds.), Laboratory Methods of the United States Army, 309
 Simmons, Katherine, The Brush Foundation Study of Child Growth and Development: II, Physical Growth and Development, 195
 Simpson, George Gaylord, Tempo and Mode in Evolution, 261
 Smith, Ella Thea, Exploring Biology, 169
 Smith, Ella Thea, and Weber, Lynda M., Exploring Biology Work Book, 169
 Smith, Homer W., Lectures on the Kidney, 394
 Smith, May, Handbook of Industrial Psychology, 301
 Smith, P. E., and Copenhaver, W. M., Bailey's Textbook of Histology, 94
 Smith, Roger C., *et al.*, Insects in Kansas, 173
 Smithsonian Institution, Annual Report 1943, 203
 A Field Collector's Manual in Natural History, 169
 Sokoloff, Boris, The Story of Penicillin, 407
 SPERRY, R. W., The Problem of Central Nervous Reorganization After Nerve Regeneration and Muscle Transposition, 311-369
 Spiegel, E. A., and Sommer, I., Neurology of the Eye, Ear, Nose, and Throat, 179
 SPIEGELMAN, S., Physiological Competition as a Regulatory Mechanism in Morphogenesis, 121-146
 Stefansson, Vilhjalmur, Arctic Manual, 201
 Stephenson, T. A., Seashore Life and Pattern, 91
 Stern, Bernhard J., American Medical Practice in the Perspectives of a Century, 291
 Stevens, Montague, Meet Mr. Grizzly, 118
 Storer, Tracy I., Laboratory Manual for General Zoology, 173
 Strecker, Edward A., *et al.*, The March of Medicine, 401
 Strong, Richard P., Stitt's Diagnosis, Prevention and Treatment of Tropical Diseases, 403
 Sumner, James B., and Somers, G. Fred, Laboratory Experiments in Biological Chemistry, 188
 Sverdrup, H. U., *et al.*, Observations and Results in Physical Oceanography, 374
 Taylor, Edward H., and Smith, Hobart M., Summary of the Collections of Amphibians Made in Mexico under the Walter Rathbone Bacon Traveling Scholarship, 280
 Taylor, Griffith, Environment, Race, and Migration, 196
 Taylor, Howard C., Jr., The Abortion Problem, 404
 Templeton, Frederic E., X-Ray Examination of the Stomach, 96
 Tetraploidy, 36, 42, 49
 Thelytoky, 241
 Thenebe, Carl Leonard, Life Overflows, 266
 Thienes, Clinton H., Fundamentals of Pharmacology, 407
 Thompson, Laura, and Joseph, Alice, The Hopi Way, 307
 Thysanoptera, male haploidy in, 251
 Titiev, Mischa, Old Oraibi, 111
 Tokay, Elbert, Fundamentals of Physiology, 178
 Transformation kinetics, 127, 136
 Trendelenburg, Paul, Die Hormone, 286
 Trick movements, 323
 Triploidy, 34, 39, 48
 Trochelmithes, male haploidy in, 251
 Tunncliffe, C. F., Bird Portraiture, 391
 Turner, T. Arthur, Microbes that Cripple, 294
 Ulrich, E. O., *et al.*, Ozarkian and Canadian Cephalopods, 378
 Umbreit, W. W., *et al.*, Manometric Techniques and related Methods for the Study of Tissue Metabolism, 286
 University of California, Science in the University, 117
 University of Minnesota, Dept. of Bacteriology and Immunology, Laboratory Manual for General Bacteriology, 294
 Van Den Daele, P. F., Something New About Health and Healing, 181
 Viability, of azygotes, 236
 Von Hagen, Victor Wolfgang, South America Called Them, 415
 Waksman, Selman A., Microbial Antagonisms and Antibiotic Substances, 400

- Waksman, Selman A., *et al.*, The Peats of New Jersey and Their Utilization, 273
- Wallace, T., The Diagnosis of Mineral Deficiencies in Plants by Visual Symptoms, 272
- Walling, Lalia V., and Siler, Kenneth, Laboratory Manual for Elementary Physiology, 285
- Webber, Irma E., Travelers All, 172
- Wechsler, David, The Measurement of Adult Intelligence, 106
- Wechsler, I. S., The Neurologist's Point of View, 304
- Weimer, Bernard R., and Core, Earl L., A New Manual for the Biology Laboratory, 266
- Weinman, David, Infectious Anemias due to Bartonella and Related Red Cell Parasites, 293
- Wenley, A. G., and Pope, J. A., China, 110
- West, Ranyard, Conscience and Society, 304
- White, Wendell, Psychology in Living, 103
- Whitehouse, Francis Cecil, A Guide to the Study of Dragonflies of Jamaica, 389
- WHITING, P. W., The Evolution of Male Haploidy, 231-260
- Wiggers, Carl J., Physiology in Health and Disease, 284
- Wilkinson, Albert E., The Encyclopedia of Fruits, Berries, and Nuts and How to Grow Them, 387
- Willis, L. G., Bibliography of References to the Literature on the Minor Elements, 170
- Wilson, Charles Branch, Parasitic Copepods in the United States National Museum, 90
- Wilson, D. Wright, A Laboratory Manual of Physiological Chemistry, 297
- Winkler, John K., and Bromberg, Walter, Mind Explorers, 304
- Wise, Louis E. (Ed.), Wood Chemistry, 103
- Wolf, Frederick Taylor, The Aquatic Oomycetes of Wisconsin, Part One, 271
- Wood, L. N., Raymond L. Ditmars, 176
- Woods, Robert S., The Naturalist's Lexicon, 168
- Yost, Edna, Normal Lives for the Disabled, 193
- Young, Kimball, Social Psychology, 191
- Young, Margaret, Angel in the Forest, 411
- Young, Stanley P., and Goldman, Edward A., The Wolves of North America, 93
- Zeliff, C. Courson, Laboratory Manual for Introductory Zoology, 93



Litera-

n the

Physi-

Mind

tes of

, 168

193

, The

uctory